## **EAST Search History**

## EAST Search History (Prior Art)

| Ref<br># | Hits | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|----------|------|--|---|---------------------|---------|---------------------|
| L1       | 1    | 10/566,102   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2010/11/20<br>15:27 |
| L2       | 1    | 1 and structure  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2010/11/20<br>15:27 |
| L3       | 1    | 1 and groove\$3  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2010/11/20<br>15:33 |
| L4       | 1    | "7098562".pn. and<br>snap\$3   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2010/11/20<br>15:37 |
| L5       | 31   | ("20020046503"   "20020189386"   "4004168"   "4004168"   "4387755"   "4381625"   "4381625"   "4398135"   "4420703"   "4420703"   "44420703"   "51411715"   "5144183"   "5307704"   "5440186"   "5528093"   "5764010"   "5836219"   "5907885"   "5907678" | US-PGPUB;<br>USPAT; USOOR   | OR .                | OFF     | 2010/11/20 15:39    |

|    |    | "5984695"   "6014915"   "6018223"   "6017298"   "6114781"   "6116110"   "6182523"   "6393929"   "6397006"   "6449798"),PN. OR ("7098562"),URPN.  |                           |    |     |                     |
|----|----|--|---------------------------|----|-----|---------------------|
| L6 | 31 | ("20020046503"   "20020189386"   "4004168"   "43047755"   "4387660"   "4381625"   "4388135"   "4432703"   "4432703"   "5111715"   "5114183"   "5307704"   "5440186"   "5528093"   "5764010"   "5836219"   "5907685"   "599256"   "599256"   "599256"   "6116110"   "6182523"   "6075298"   "6114781"   "6116110"   "6182523"   "6397006"   "6449798") P.N. OR ("7098562") LIPPN. OR ("7098562") LIPPN. | US-PGPUB;<br>USPAT; USOOR | OR | OFF | 2010/11/20<br>15:39 |

| L7 | 31 | ["20020046503"   "20020189386"   "4004168"   "4347755"   "4387660"   "4398135"   "4482703"   "4643040"   "5111715"   "5144183"   "554010"   "55307704"   "554093"   "5528093"   "5562019"   "5997885"   "5997856"   "5997856"   "6014915"   "6014915"   "6014915"   "6114781"   "6114781"   "6114781"   "61397006"   "6449798")   "6449798")   "6449798")   "6097006"   "6449798")   "6449798")   "6449798")   "6449798")   "6449798")   "67986562"   "669622"   "6697006"   "66449798")   "67986562"   "7998562"   "6646252"   "66397006" | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2010/11/20       |
|----|----|--|---|----|-----|------------------|
| L8 | 70 | ("20020046503"   "20020189386"   "4004168"   "4347755"   "4387660"   "4398135"   "4420703"   "4643040"   "5111715"   "5144183"   "55307704"   "5528093"   "5528093"   "5764010"   "5997685"   "599767678"   "59979266"   "5984695"   | US-PGPUB;<br>USPAT;<br>USCOR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OA | OFF | 2010/11/20 15:40 |

|     |   | "6018223"   "6075298"   "6114781"   "61182523"   "6393929"   "6397006"   "6449798"), PN. OR ("7098562"), URPN. and groove§3 |   |    |     |                     |
|-----|---|---|---|----|-----|---------------------|
| L9  | 1 | "6014915".pn. and<br>groove\$3  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/11/20<br>15:48 |
| L10 | 2 | "5836219".pn. and<br>groove\$3  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/11/20<br>15:49 |

11/20/2010 3:51:29 PM